

FIG. 1

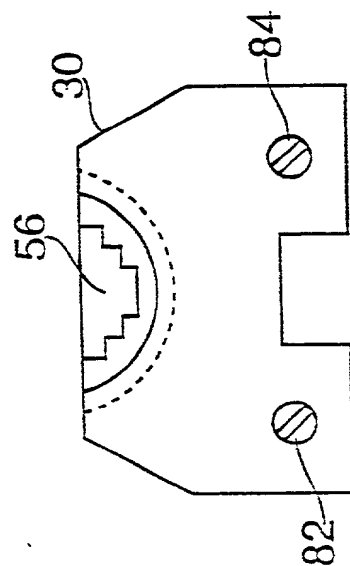


FIG. 7B

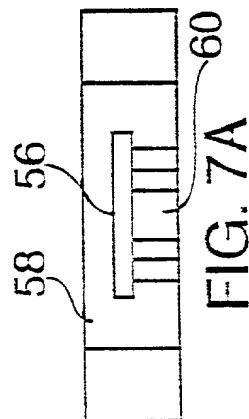


FIG. 7A

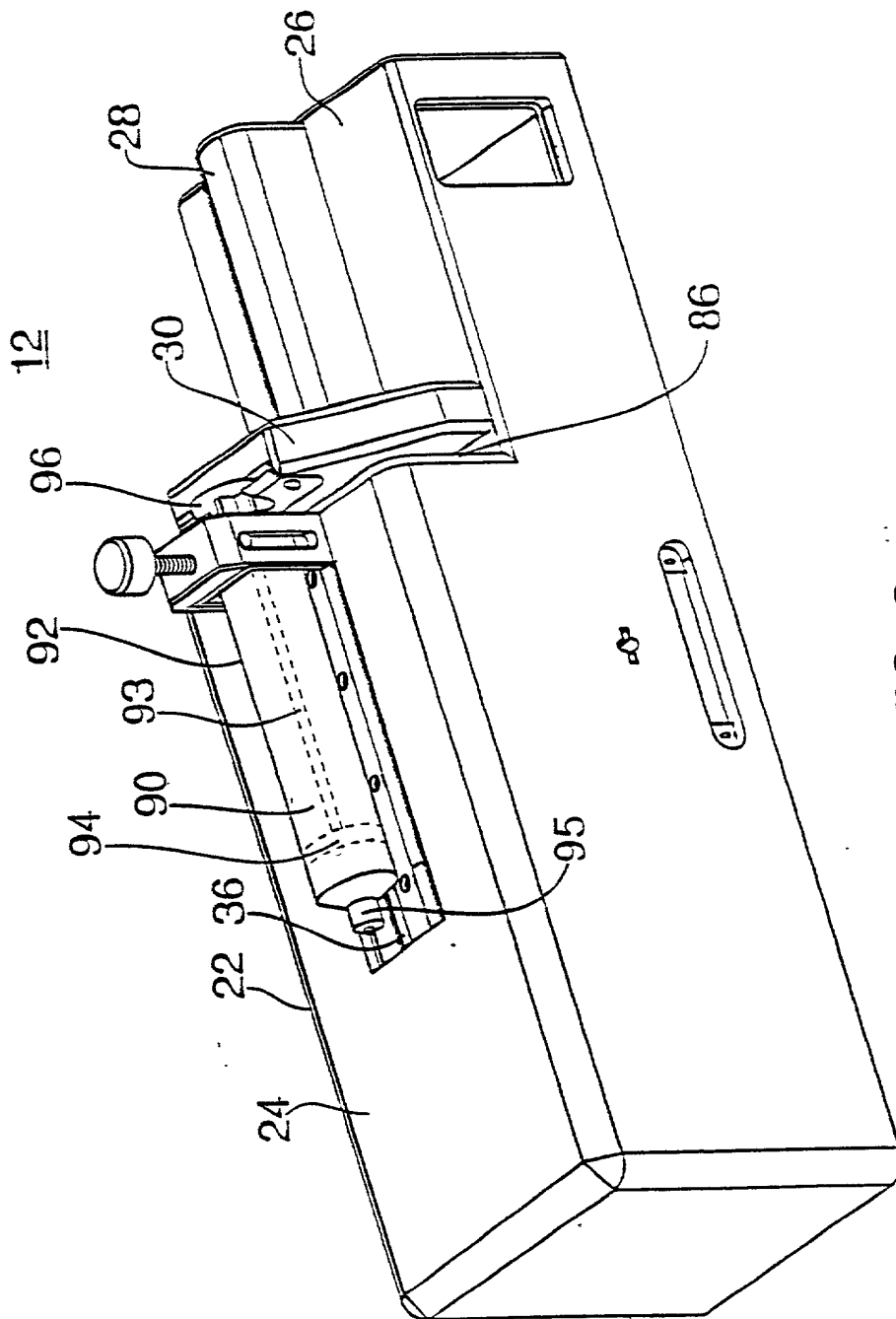


FIG. 2

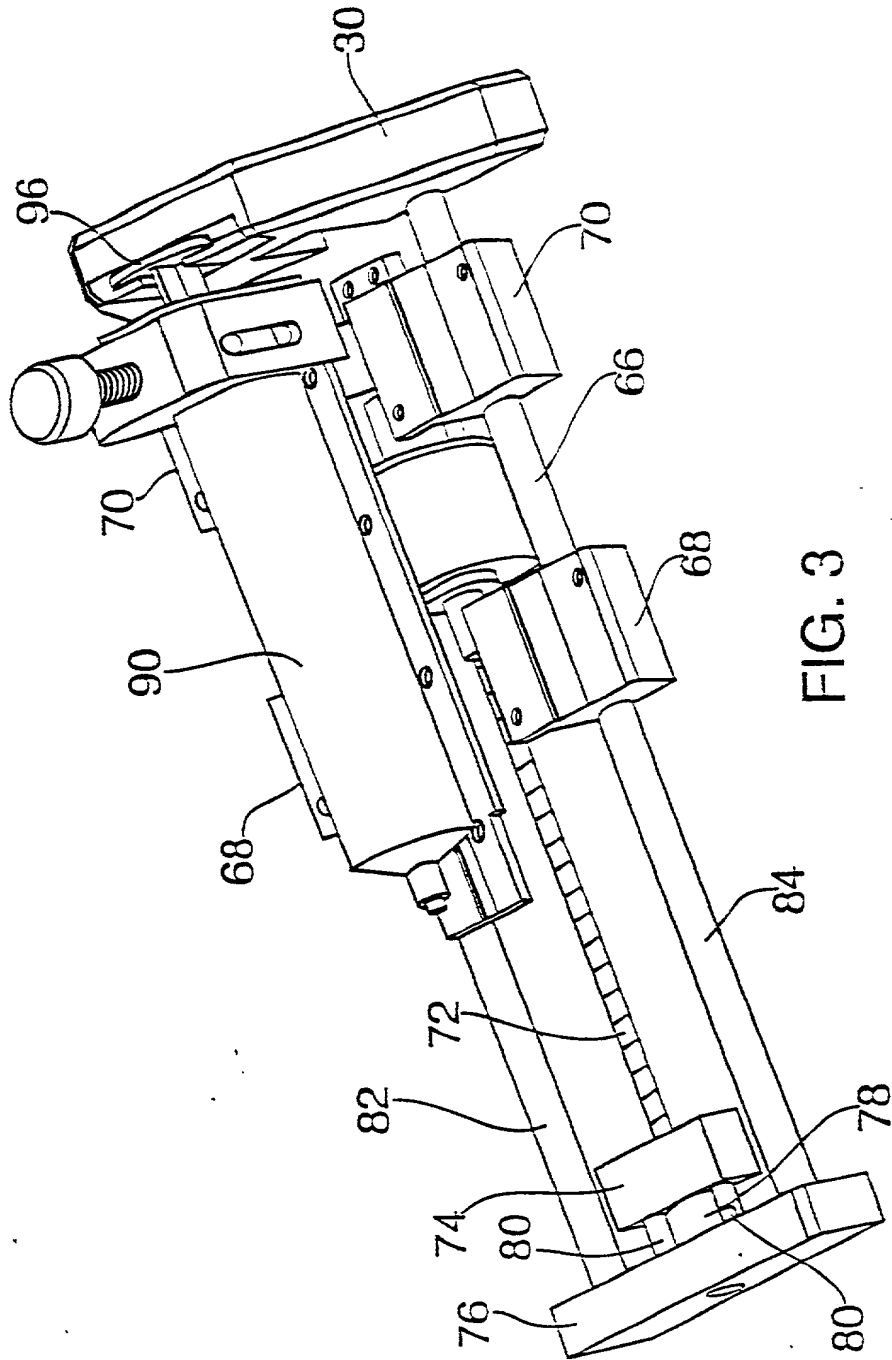


FIG. 3

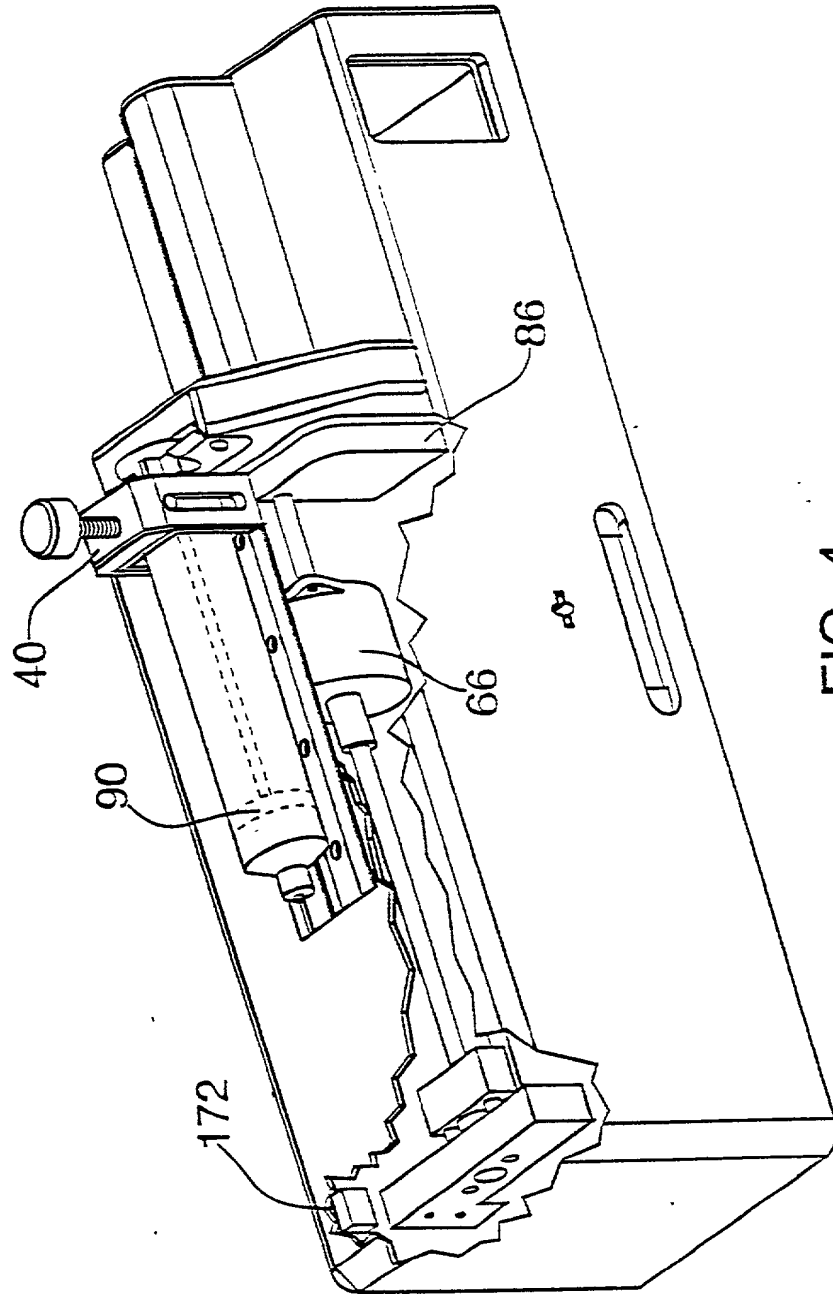


FIG. 4

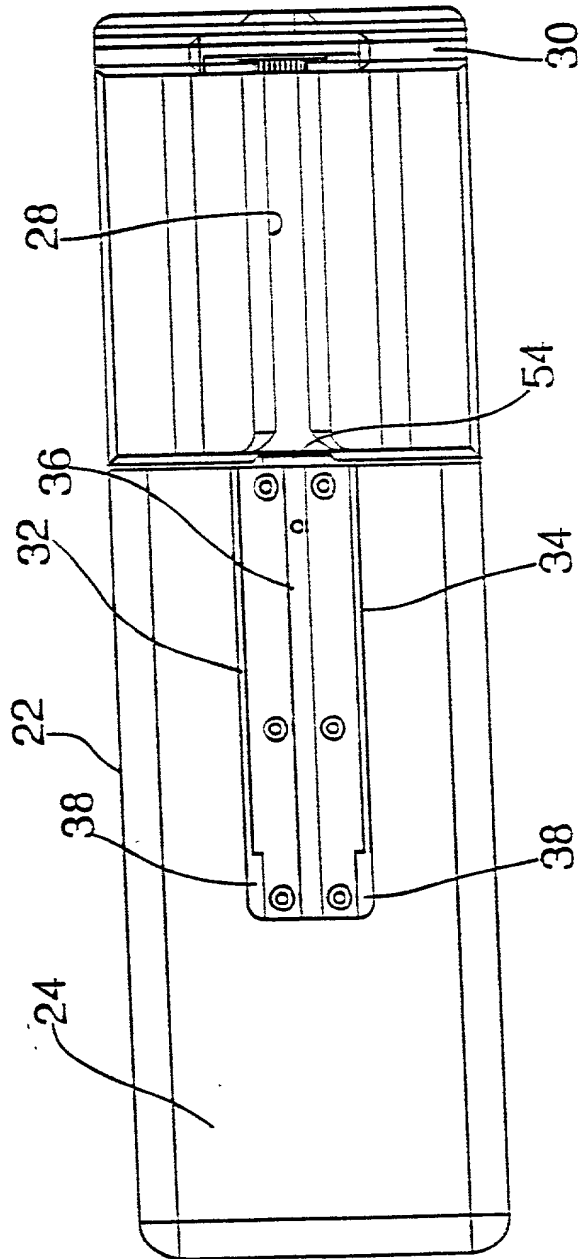
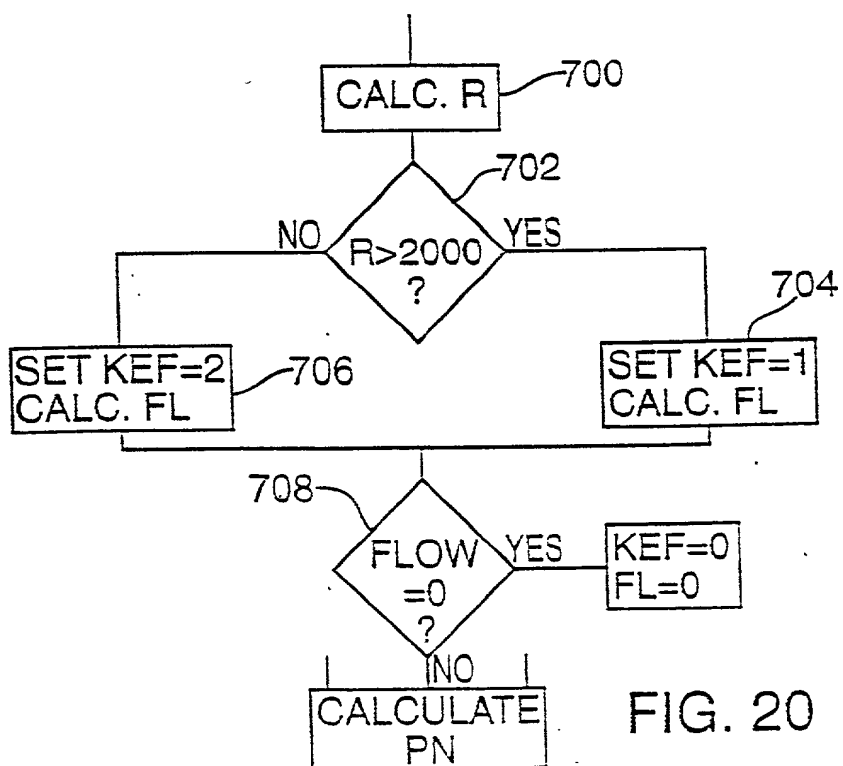
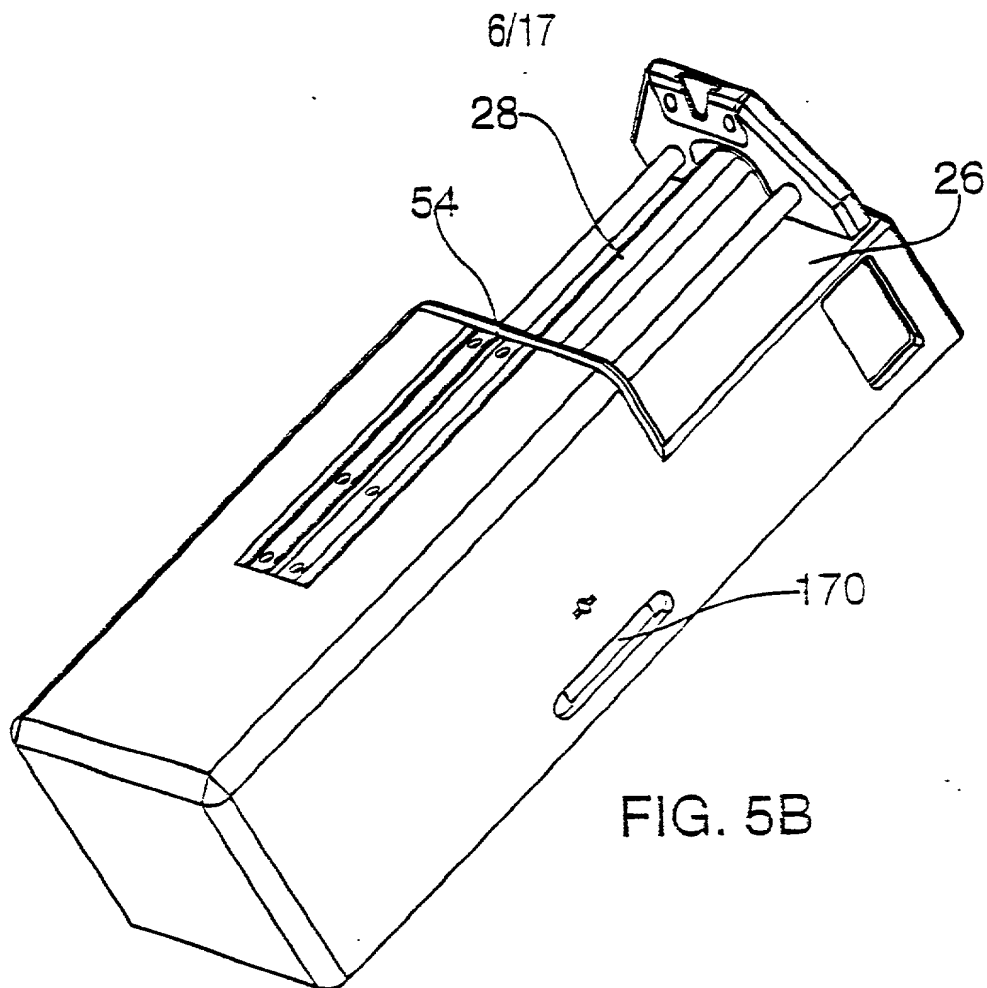


FIG. 5A



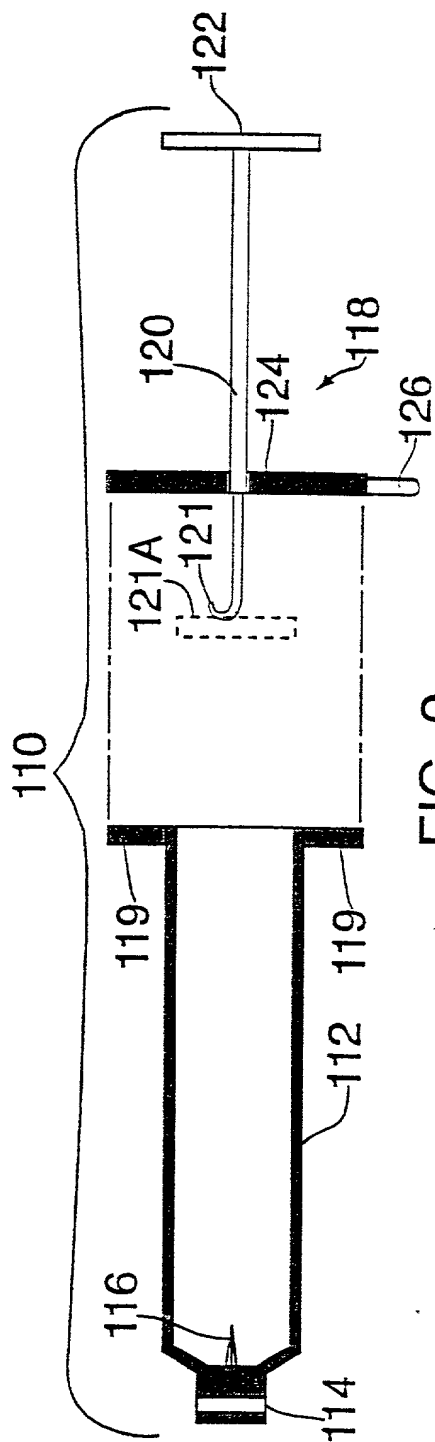


FIG. 9

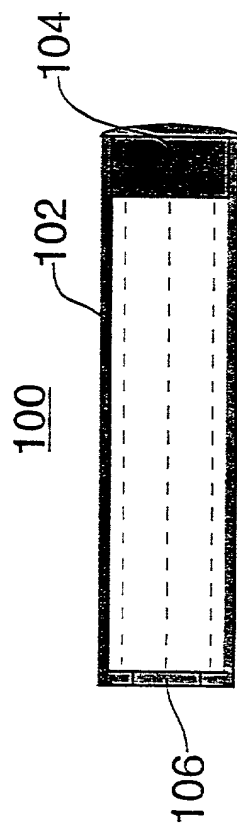


FIG. 8  
(PRIOR ART)

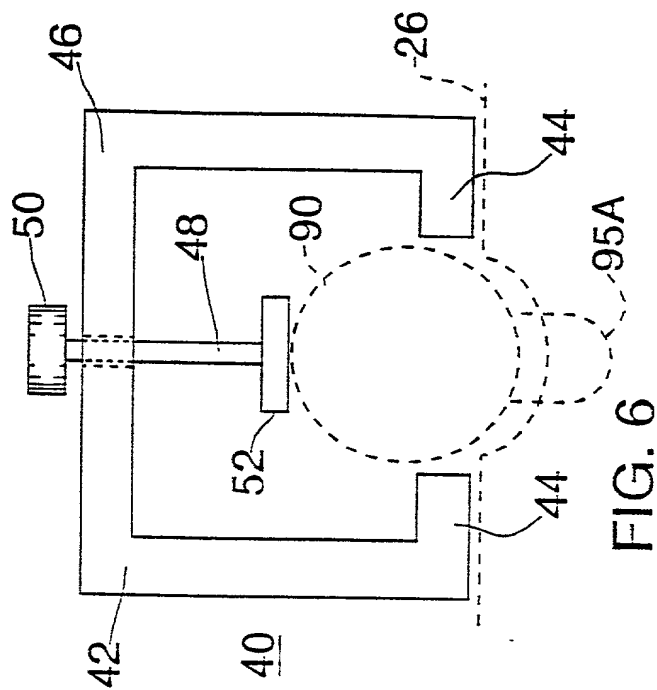


FIG. 6

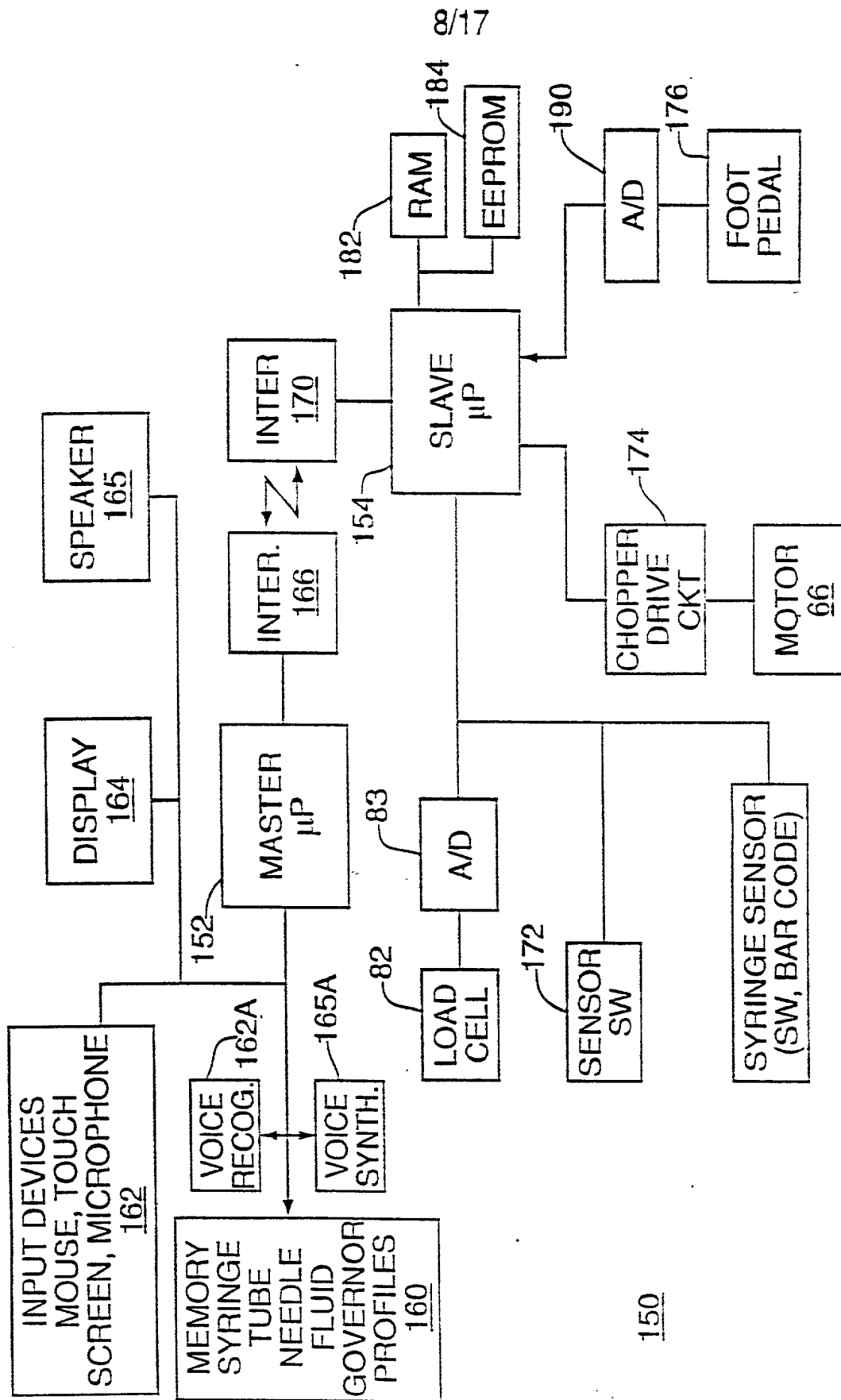
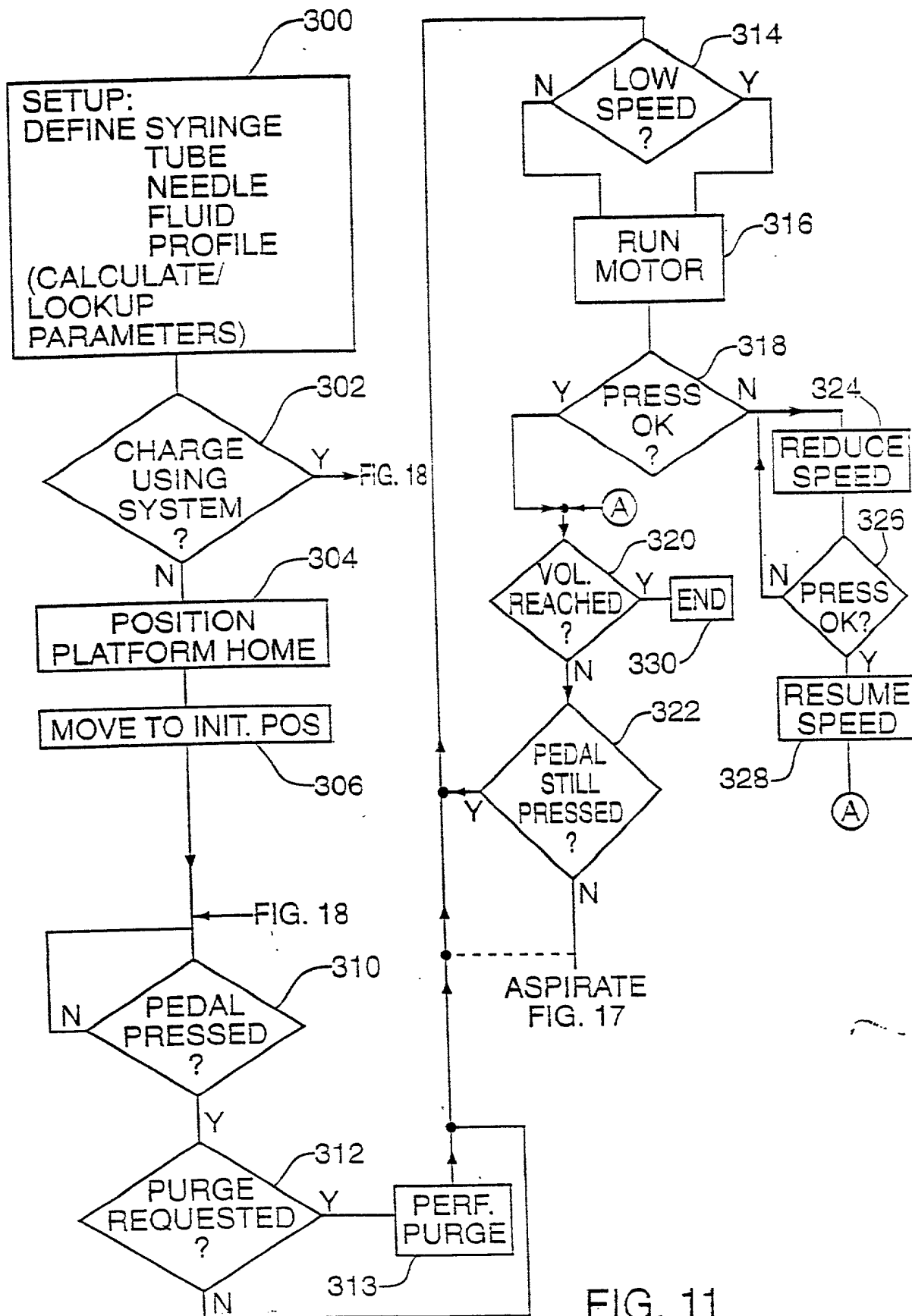


FIG. 10





10/17

Milestone Database Setup

Navigation: < > <> + - ✓

### Syringe

Type	Stroke Length	Syringe Force	Nominal Volume (CC)	Full Point
I102CC	191	0.51	1.8	1
I03CC	21	0.33	3	2.53
I05CC	75	11	5	2.8
I10CC	241	1.81	10	2.171
I20CC	2761	1.81	20	1.65

### Needle

Type	Gage	Diameter	Length
I18D-305128	30	0.0061	1
I18D-305136	27	0.02	125
I08-33333			
I00-1234			
asafasaf	23	23	23

### Fluid

Type	Viscosity	Specific Weight
X1Scav	000001	0.0002
IScav Fluid	1	2
IAsosad	1	5

### Tube

Type	Diameter	Length
I1Concore	0.673	0.999
I1ubes1	0.015	54
I1ubes2	0.015	55

### Machine Constants

Force	Travel	Max Force	Zero Adjust	Throttle Back	Scale Factor	Tare	Penal Zero	Low End	Low Start	High End	High Start	High Asurate
11	0.51	4.51	40	2	0.75	27	01					

Machine Profile Setup Screen  
Set Values for Components of Delivery System  
Setup Variable for Machine

FIG. 12A

502
504
510

**506**

Milestone Scientific (Profile Setup)

File Edit Search Run

**508**

Release 2.1

**General**

Test Profile Name

Last Date Modified

Last Time Modified

**System Sizes**

**Syringe**

Nominal Volume

Suckle Length

Syringe Force

Full Point

**Needle**

Gage

Length

Diameter

**Tube**

Tube#1

Length

Diameter

**Fluid**

Body

Viscosity

Specific Weight

slugs/cubic inch

**Values**

Control ☐ Tested

Type

Low Flow

High Flow

Pressure Limit

Additional

Charge Flow

Indicator

Aspirate

Volume

Flow

Dwell

Purge

Volume

Flow

Physiologic Source

**Specifications**

Volume

☐ Charged

☐ Charged w/ Air

☐ Charged w/o Air

☐ Aspirate

☐ No Aspirate

**Calculations**

Needle Volume

Tube Volume

System Volume

Volume/Step (0.0025 in.)

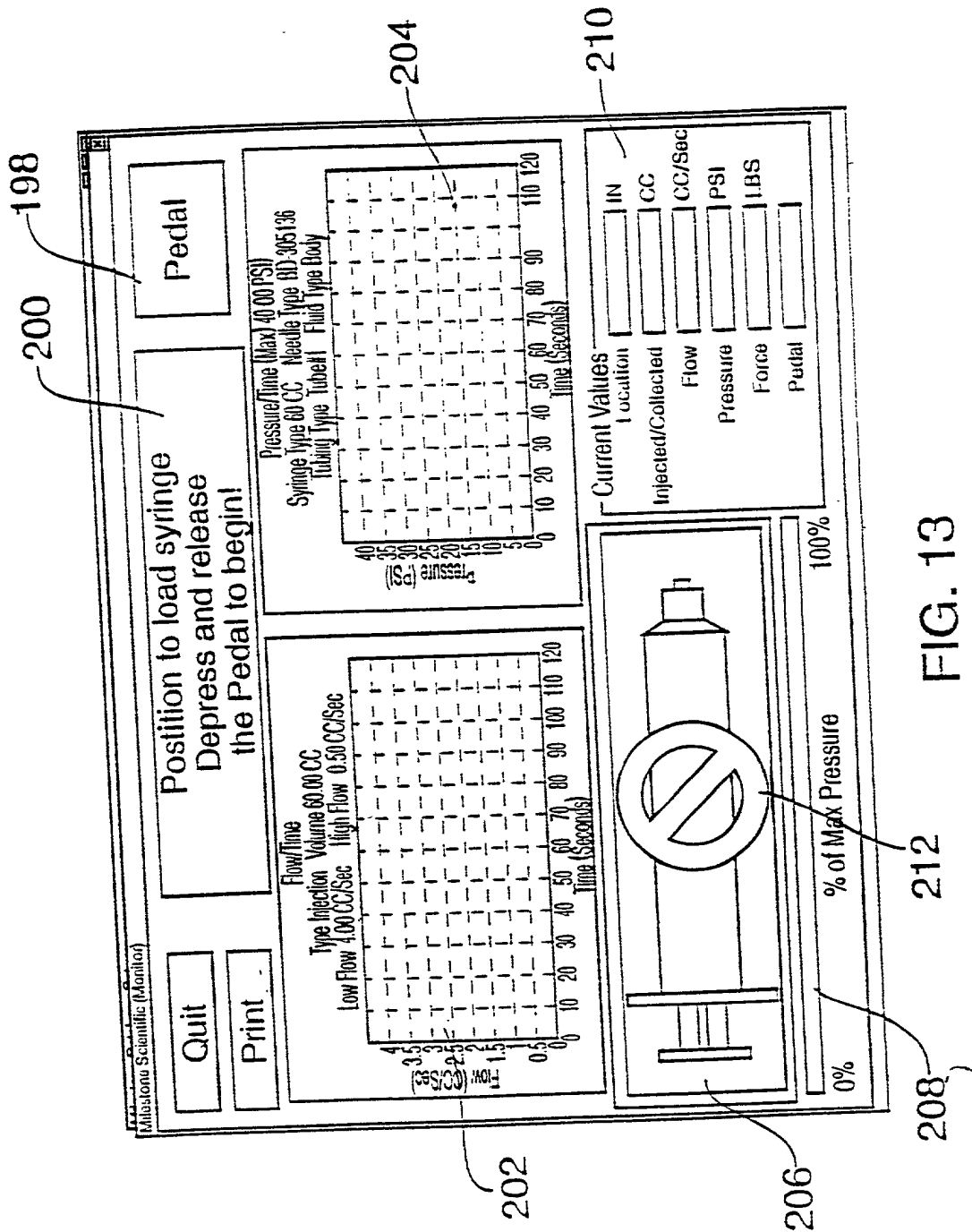
Max Pressure (Low Flow)

Max Pressure (High Flow)

Max Flow

FIG. 12B

12/17



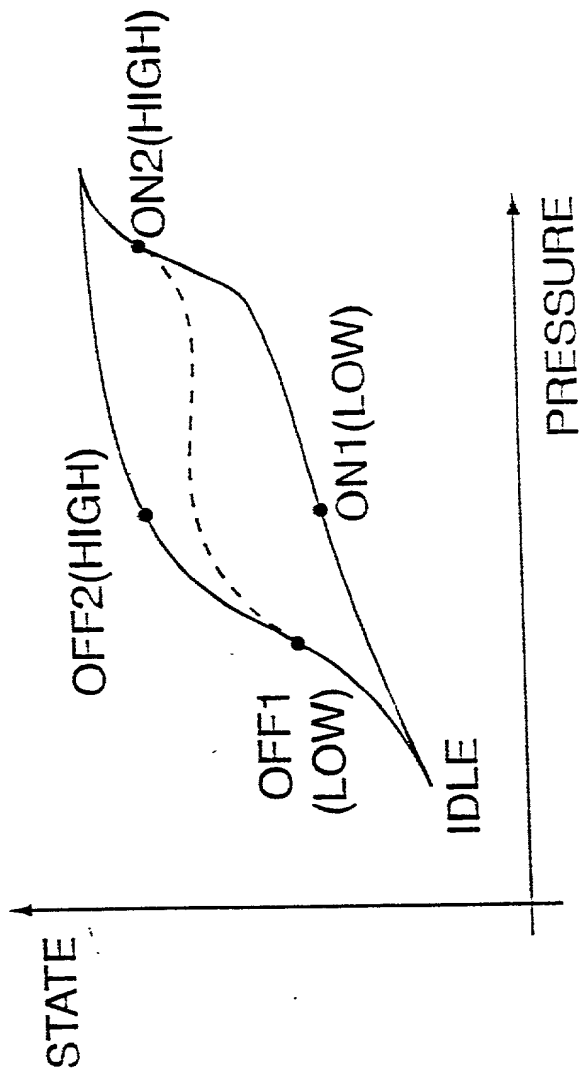


FIG. 14

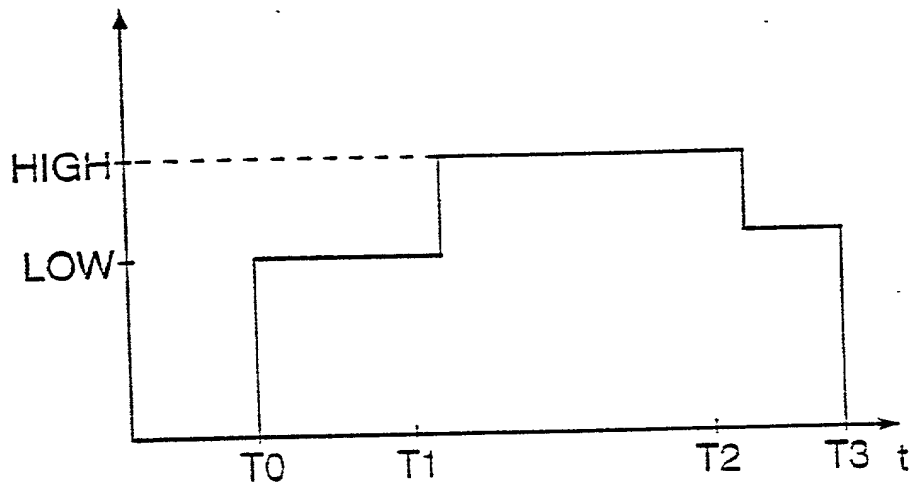


FIG. 15A

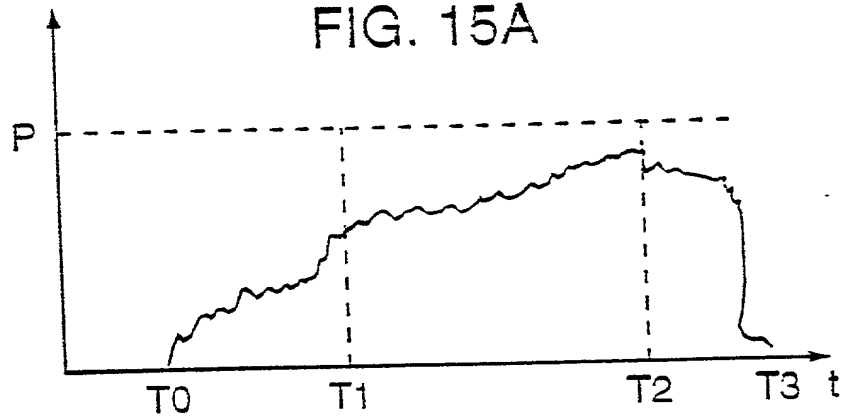


FIG. 15B

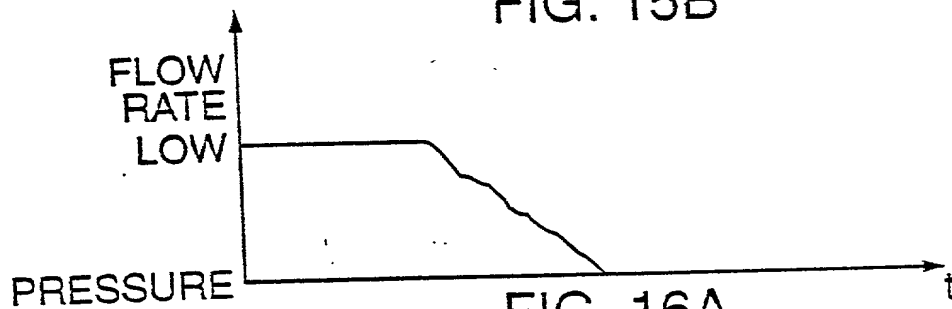


FIG. 16A

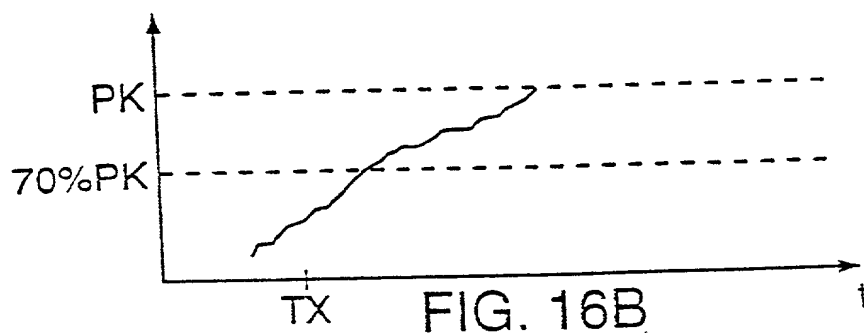


FIG. 16B

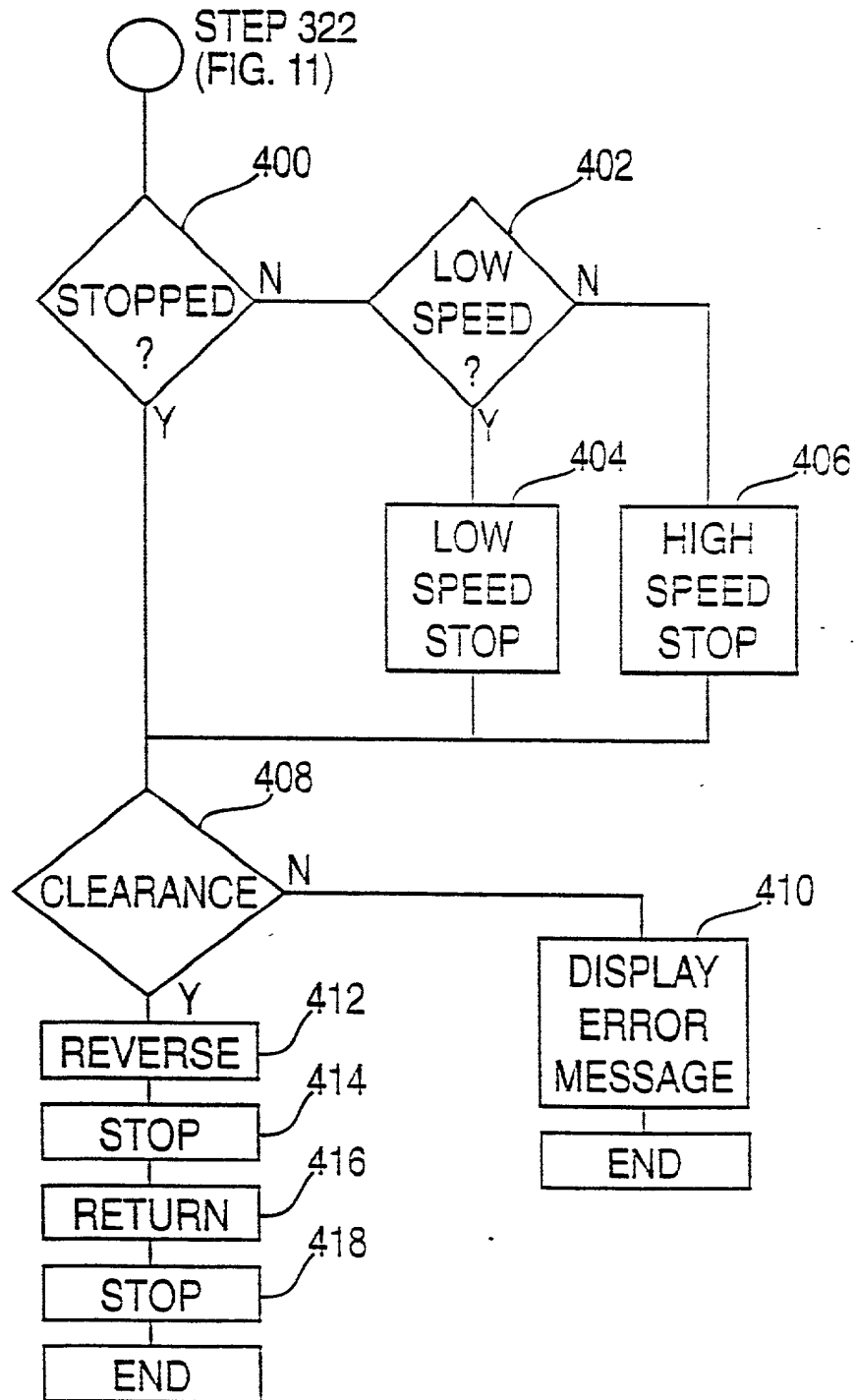


FIG. 17

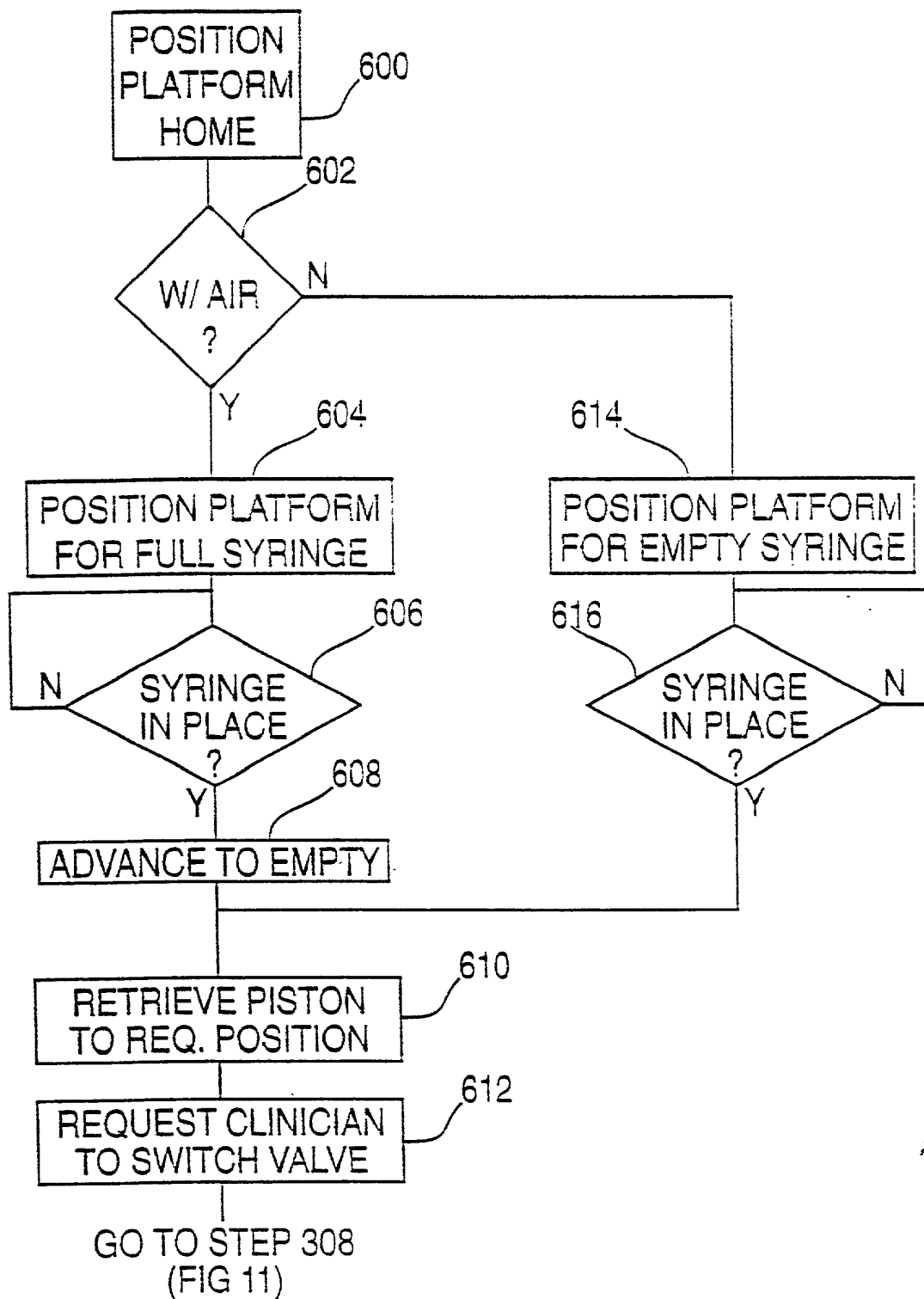


FIG. 18



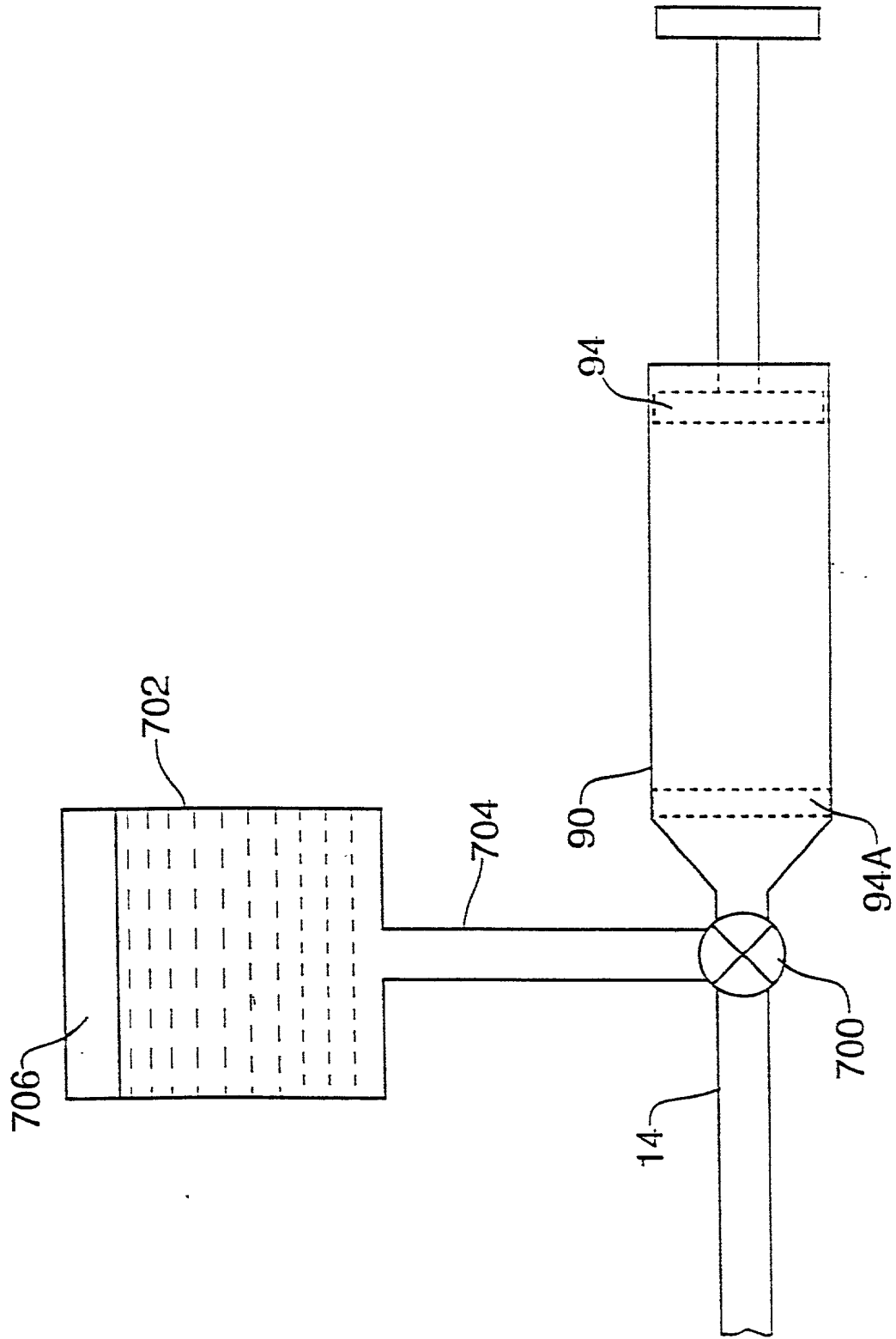


FIG. 19